

Title (en)  
SYSTEMS AND METHODS FOR CONTROLLING A GAS TURBINE DRIVE TRAIN

Title (de)  
SYSTEME UND VERFAHREN ZUM STEUERN EINES ANTRIEBSSTRANGS EINER GASTURBINE

Title (fr)  
SYSTÈMES ET PROCÉDÉS DE CONTRÔLE D'UN ENSEMBLE DE TRANSMISSION D'UNE TURBINE À GAZ

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Application  
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Abstract (en)  
Certain embodiments of the invention may include systems and methods for controlling an integrated drive train. According to an example embodiment of the invention, a method for controlling a gas turbine drive train (100) includes measuring speed (311) associated with the drive train (100), controlling fuel flow to a turbine (328) based at least in part on a speed command (506) and the measured speed (311), controlling one or more guide vanes associated with a torque converter (326) based at least in part on the speed command (506) and an expected power output (514) of the torque converter (326), and selectively coordinating respective torque contributions from the torque converter (326) and the turbine (328).

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Cited by  
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